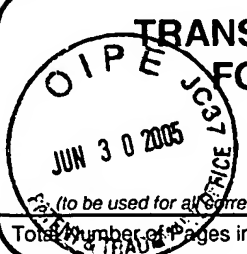
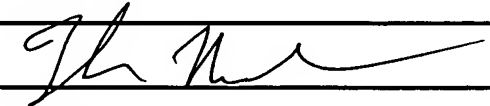
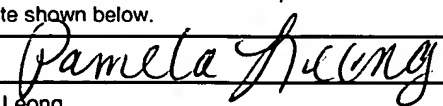


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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/742,301	
	Filing Date	12/18/2003	
	First Named Inventor	McGall	
	Art Unit	1637	
	Examiner Name	Cynthia Wilder	
Total Number of Pages in This Submission	180	Attorney Docket Number	3402.1

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard Copies of 10 References
<b>Remarks</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc		
Signature			
Printed Name	Thomas Malone		
Date	6/27/05	Reg. No.	40,078

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Pamela Leong	Date	6/28/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT  
Attorney Docket No. 3402.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: McGall

Examiner: Cynthia B. Wilder

Serial No: 10/742,301

Group Art Unit: 1637

Filing Date: December 18, 2003

INFORMATION DISCLOSURE  
STATEMENT

Title: **METHOD FOR PRODUCING  
A HIGH DENSITY NUCLEIC ACID  
ARRAY USING ACTIVATORS**

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying U.S. Patent & Trademark Office's Modified Form-1449 are called to the attention of the Examiner for consideration in connection with the above-identified patent application. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Citation of these documents shall not be construed as (1) an admission that the documents are necessarily prior art with respect to the instant invention; (2) a representation that a search has been made; or (3) an admission that the information cited herein is, or is considered to be, material to patentability in any way, including that as defined in § 1.56(b).

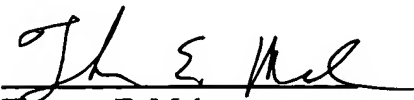
Applicants believe that no fee is required for submission of this statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby

authorized to charge the required fees to Account No. 01-0431 in order to have this Information Disclosure Statement considered.

Dated: 6/27/08

Respectfully submitted,

Customer No. 22886  
Legal Department  
Affymetrix, Inc.  
3380 Central Expressway  
Santa Clara, CA 95051  
Tel: (408) 731-5000/Fax (408) 731-5392

  
Thomas E. Malone  
Reg. No. 40,078

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/742,301
Filing Date	12/18/2003
First Named Inventor	McGall
Art Unit	1637
Examiner Name	Cynthia B. Wilder
Attorney Docket Number	3402.1

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 5,143,854	09/01/1992	Pirring et al.	
	2	US- 6,429,275	08/06/2002	McGall et al.	
	3	US- 6,410,675	06/25/2002	McGall et al.	
	4	US- 6,307,042	10/23/2001	Goldberg et al.	
	5	US- 5,959,098	09/28/1999	Goldberg et al.	
	6	US- 5,919,523	07/06/1999	Sundberg et al.	
	7	US- 5,384,261	01/24/1995	Winkler et al.	
	8	US- 6,050,193	04/18/2000	DeBoer et al.	
	9	US- 4,517,338	05/14/1985	Urdea et al.	
	10	US- 4,562,157	12/31/1985	Lowe et al.	
	11	US- 4,762,881	08/09/1988	Kauer	Col. 1, line 1-col. 3, line 52
	12	US- 3,849,137	11/19/1974	Barzynski et al.	
	13	US- 4,631,211	12/23/1986	Houghten	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	1	PCT WO 92/10092	06/25/1992	Fodor et al.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

**Complete if Known**

Application Number

10/742,301

Filing Date

12/18/2003

First Named Inventor

McGall

Art Unit

1637

Examiner Name

Cynthia B. Wilder

Attorney Docket Number

3402.1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	PATCHORNIK, A., "Photosensitive Protecting Groups," <i>Journal of American Chemical Society</i> , Oct. 21, 1970, 92 (21): 6333-6335.	
	2	AMIT, B. ET AL., "Photosensitive Protecting Groups of Amino Sugars and Their Use in Glycoside Synthesis. 2-Nitrobenzyloxycarbonylamino and 6-Nitroveratryloxycarbonylamino Derivatives," <i>Journal of Organic Chemistry</i> , 1974, 39(2): 192-196.	
	3	REICHMANIS, E. ET AL., "o-Nitrobenzyl Photochemistry: Solution vs. Solid-State Behavior," <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1985, 23: 1-8.	
	4	"5-Ethylthio-1H-tetrazole as an Activator in Oligonucleotide Synthesis," <i>Annovis Technical Bulletin</i> , No. 56, September 2001, Annovis, Inc.	
	5	WINCOTT, F. ET AL., "Synthesis, deprotection, analysis and purification of RNA and ribozymes," <i>Nucleic Acids Research</i> , 1995, 23, 14: 2677-2684.	
	6	TSOU, D. ET AL., "Large Scale Synthesis of Oligoribonucleotides on High-Loaded Polystyrene (HLP) Support," <i>Nucleoside Nucleotide</i> , 1995, 14 (7): 1481-1492.	
	7	WRIGHT, P. ET AL., "Large Scale Synthesis of Oligonucleotides via Phosphoramidite Nucleosides and a High-Loaded Polystyrene Support," <i>Tetrahedron Letters</i> , 1993, 34 (21): 3373-3376.	
	8	ELEUTERI, A. ET AL., "Pyridium trifluoroacetate/N-methylimidazole as an efficient activator for oligonucleotide synthesis via the phosphoramidite method," <i>Organic Process Research and Development</i> , 2000, 4: 182-189.	
	9	HAYAKAWA, Y. ET AL., "Acid/Azole Complexes as Highly Effective Promoters in the Synthesis of DNA and RNA via the Phosphoramidite Method," <i>Journal of American Chemical Society</i> , Aug. 29, 2001, 123 (34): 8165-8176.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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